

**ABSTRACT****A DEVELOPMENT ENVIRONMENT FOR BUILDING SOFTWARE  
APPLICATIONS THAT MIMICS THE TARGET ENVIRONMENT**

5 A method, system and computer program product for creating and managing a  
development environment that mimics a target environment where the software  
application may be implemented. Control information, e.g., client standards for the  
hardware and software components in the target environment, may be used to  
synchronously detect a problem in the development environment during the process  
of receiving, reviewing, assigning and processing a request, e.g., request to develop  
10 the development environment, request to implement a change in the development  
environment, request to correct a problem detected in the development environment.  
Once a violated condition of the control information has been detected, the  
appropriate developer or team of developers may be notified to correct the problem.  
By receiving early notification of violated conditions, the development environment  
and/or software application may be updated thereby reducing the number of problems  
15 that need to be corrected after the software application has been deployed.